



| STATE          | PROJECT NUMBER | SHEET NO. | TOTAL SHEETS |
|----------------|----------------|-----------|--------------|
| GA.            | STP-209-1(1)   | 15        | 513          |
| REVISION DATES |                |           |              |
|                |                |           |              |
|                |                |           |              |
|                |                |           |              |

| REINFORCED CONCRETE BOX CULVERTS |      |        |               |   |                         |                            |   |                       |        |                       |                     |                              |    |
|----------------------------------|------|--------|---------------|---|-------------------------|----------------------------|---|-----------------------|--------|-----------------------|---------------------|------------------------------|----|
| STATION                          | SKEW | LENGTH | SIZE          | GA. STD.<br>FOR<br>WINGWALLS<br>AND<br>PARAPETS | DESIGN<br>FOR<br>BARREL | RIP RAP,<br>TP 1,<br>24 IN | FOUNDATION<br>BACKFILL<br>MATERIAL<br>TP 11 | CLASS "A"<br>CONCRETE |        | BAR REINF.<br>STEEL   |                     | CONCRETE APRONS<br>STD. 2332 |    |
|                                  |      | M3     |               |   |                         |                            |   | KG                    |        | CLASS "A"<br>CONCRETE | BAR REINF.<br>STEEL |                              |    |
|                                  |      | LIN M  | MXM           |   |                         | M2                         | M3  | BARREL                | WW&PAR | BARREL                | WW&PAR              | M3                           | KG |
| 18+220                           | 90°  | 1.8    | 1.2MX<br>1.8M | 2322  | No. 1                   |                            | 1   | 2.43                  | 0.9    | 190                   | 101                 |                              |    |
|                                  |      |        |               |   |                         |                            |   |                       |        |                       |                     |                              |    |
|                                  |      |        |               |   |                         |                            |   |                       |        |                       |                     |                              |    |

ALL INLET ENDS SHALL HAVE BEVELING PER STD. 2332 (OR STD. 2530-P, 2535-P IF PRECAST ENDS ARE USED).

PAY QUANTITIES FOR CLASS 'A' CONCRETE, REINFORCING STEEL, BACKFILL, ETC. ARE CALCULATED FOR BUILT-IN-PLACE CULVERTS. WHERE FILL HEIGHT, SIZES, MINIMUM COVER, ROADSIDE GEOMETRICS, ETC. PERMITS, PRECAST BOX CULVERTS MAY BE SUBSTITUTED WITH NO CHANGE IN PAYMENT (SECTION 513.05) BECAUSE OF THE ALTERED CONSTRUCTION QUANTITIES.

|                                    |        |
|------------------------------------|--------|
| STN DUMPED RIP RAP<br>TP 3, 450 MM |        |
| AS REQUIRED                        | 500 M2 |

|                                    |        |
|------------------------------------|--------|
| STN DUMPED RIP RAP<br>TP 1, 600 MM |        |
| AS REQUIRED                        | 500 M2 |

|                          |         |
|--------------------------|---------|
| PLASTIC FILTER<br>FABRIC |         |
| AS REQUIRED              | 1000 M2 |

|   |         |
|---|---------|
| BITUMINOUS TREATED ROVING,<br>WATERWAYS |         |
| TOTAL                                   | 2800 M2 |

|                                       |       |
|---------------------------------------|-------|
| CLASS A CONCRETE, INCL<br>REINF STEEL |       |
| AS DIRECTED                           | 11 M3 |

|  |       |
|--|-------|
| CONSTRUCT & REMOVE SILT<br>CONTROL GATE TYPE 3 |       |
| TOTAL  | 16 EA |

|   |       |
|---|-------|
| MAINTENANCE SILT CONTROL GATE<br>TYPE 3 |       |
| TOTAL                                   | 16 EA |

|   |        |
|---|--------|
| CONSTRUCT & REMOVE INLET<br>SEDIMENT TRAP |        |
| TOTAL                                     | 100 EA |

|                                 |        |
|---------------------------------|--------|
| MAINTENANCE INLET SEDIMENT TRAP |        |
| TOTAL                           | 100 EA |

STATE OF GEORGIA  
DEPARTMENT OF TRANSPORTATION  
OFFICE OF ROAD DESIGN

WIDENING AND RECONSTRUCTION S.R. 74 JOEL COWAN PKWY  
SUMMARY OF QUANTITIES SHEET

DRAWING No.

\*DATE\*  
\*DCN\*  
\*PR\* \*